

AMENDMENTS TO THE CLAIMS

Claims 1-11 and 13-33 were pending at the time of the Action.

Claims 1-11 and 13-24 remain pending.

1. (Currently amended) A method comprising:

receiving a request ~~from a client device~~, the request comprising a hierarchical identifier;

comparing the hierarchical identifier with at least a portion of a configuration file to identify an appropriate user-mode process of a server device for handling the request; and

providing the request to the identified appropriate user-mode process of the server device.

2. (Previously amended) The method as recited in Claim 1, further comprising:

generating the configuration file via a user-mode administrative process.

1 3. (Previously amended) The method as recited in Claim 2, wherein
2 generating the configuration file comprises:

3 defining one or more logical associations between at least one candidate
4 hierarchical identifier and at least one candidate user-mode process; and
5 maintaining the one or more logical associations in a configuration store.
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7 4. (Previously amended) The method as recited in Claim 3, further
8 comprising:
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10 maintaining one or more logical rules suitable for use in identifying the
11 appropriate user-mode process for handling the request.
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13 5. (Previously amended) The method as recited in Claim 1, wherein
14 providing the request to the identified appropriate user-mode process further
15 comprises:
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17 providing the request via a non-shared interface associated with the
18 identified appropriate user-mode process.
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20 6. (Previously amended) The method as recited in Claim 1, further
21 comprising selectively queuing the request prior to providing the request to the
22 identified most applicable user-mode process.
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1 7. (Previously amended) The method as recited in Claim 1, wherein
2 the request comprises a uniform resource locator (URL).
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4 8. (Previously amended) The method as recited in Claim 1, wherein
5 the appropriate user-mode process includes a user-mode web server process.
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7 9. (Previously amended) The method as recited in Claim 1, wherein
8 the appropriate user-mode process comprises at least one user-mode worker
9 process.
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11 10. (Currently amended) The method as recited in Claim 1, further
12 comprising:
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14 receiving the client-request using a kernel-mode communication protocol
15 process; and
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17 providing the request to a kernel-mode process.
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19 11. (Previously amended) The method as recited in Claim 10, wherein
20 the kernel-mode communication protocol process comprises a kernel-mode
21 TCP/IP process.
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12. (Canceled)

13. (Previously amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

causing a kernel-mode process in a server device to compare a hierarchical identifier associated with a client device generated request with at least a portion of a configuration file to identify a most applicable user-mode process for handling the client device generated request within the server device; and

causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process.

14. (Original) The computer-readable medium as recited in Claim 13, having further computer-executable instructions for performing steps comprising:

causing a user-mode administrative process to generate the configuration file.

15. (Original) The computer-readable medium as recited in Claim 14, wherein causing the user-mode administrative process to generate the configuration file, further includes:

1 providing a configuration store suitable for access by the user-mode
2 administrative process, wherein the configuration store defines one or more logical
3 associations between at least one candidate hierarchical identifier and at least one
4 candidate user-mode process.

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6 16. (Previously amended) The computer-readable medium as recited in
7 Claim 15, wherein the configuration store further includes one or more logical
8 rules suitable for use by the kernel-mode process in identifying the most
9 applicable user-mode process for handling the client device generated request
10 within the server device.
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13 17. (Previously amended) The computer-readable medium as recited in
14 Claim 13, wherein causing the kernel-mode process to provide the client device
15 generated request to the identified most applicable user-mode process further
16 includes:
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18 providing a non-shared interface between the kernel-mode process and the
19 identified most applicable user-mode process, such that the client device generated
20 request can be provided to the identified most applicable user-mode process via
21 the non-shared interface.
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1 18. (Previously amended) The computer-readable medium as recited in
2 Claim 13, wherein causing the kernel-mode process to provide the client device
3 generated request to the identified most applicable user-mode process further
4 includes:

5 selectively queuing the client device generated request prior to providing
6 the request to the identified most applicable user-mode process.
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9 19. (Original) The computer-readable medium as recited in Claim 13,
10 wherein the hierarchical identifier includes a uniform resource locator (URL).
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12 20. (Original) The computer-readable medium as recited in Claim 13,
13 wherein the most applicable user-mode process includes a user-mode web server
14 process.
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17 21. (Original) The computer-readable medium as recited in Claim 13,
18 wherein the most applicable user-mode process includes at least one user-mode
19 worker process.
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1 22. (Previously amended) The computer-readable medium as recited in
2 Claim 13, having further computer-executable instructions for performing steps
3 comprising:

4 receiving the client device generated request using a kernel-mode
5 communication protocol process; and

6 providing the client device generated request to the kernel-mode process.
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9 23. (Original) The computer-readable medium as recited in Claim 22,
10 wherein the kernel-mode communication protocol process includes a kernel-mode
11 TCP/IP process.

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13 24. (Previously amended) The computer-readable medium as recited in
14 Claim 13, having further computer-executable instructions for performing steps
15 comprising:

16 causing the identified most applicable user-mode process to handle the
17 client device generated request.
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20 Claims 25 - 33. (Canceled)
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